

Title (en)
Hybrid vehicle

Title (de)
Hybridfahrzeug

Title (fr)
Véhicule hybride

Publication
EP 1738947 A2 20070103 (EN)

Application
EP 06012976 A 20060623

Priority
JP 2005192602 A 20050630

Abstract (en)

The present invention relates to a hybrid vehicle (100) comprising an engine (220), a generator (210) for generating electric power using power of the engine, a battery (300) for storing the electric power generated by the generator, a motor (240) for generating power using electric power from at least one of the generator and the battery to drive a drive wheel (102), an external output terminal (500) to which an external device (150) is connectable, and a controller (400) configured to adjust the electric power from at least one of the generator and the battery and to output the electric power to the external output terminal as supply electric power for the external device.

IPC 8 full level

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CPC (source: EP US)

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Cited by

US2018072252A1; EP2623404A4; CN106064621A; CN103660973A; EP2554424A3; CN103208853A; EP2397359A1; CN102291076A;
CN111433116A; EP2202137A3; CN102910236A; EP2554462A3; US9043262B2; US10946747B2; US7967096B2; US8598723B2; US9580066B2;
US8950539B2; US8919483B2; US11230344B2; CN111491837A; EP3763588A4; WO2014030042A3; WO2009117605A3; WO2019087053A1;
WO2019086414A1; WO2013059667A1; US9895979B2; US10328804B2; US9132738B2; US12017723B2; US8428803B2; USRE47625E;
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Designated contracting state (EPC)

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Designated extension state (EPC)
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